

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

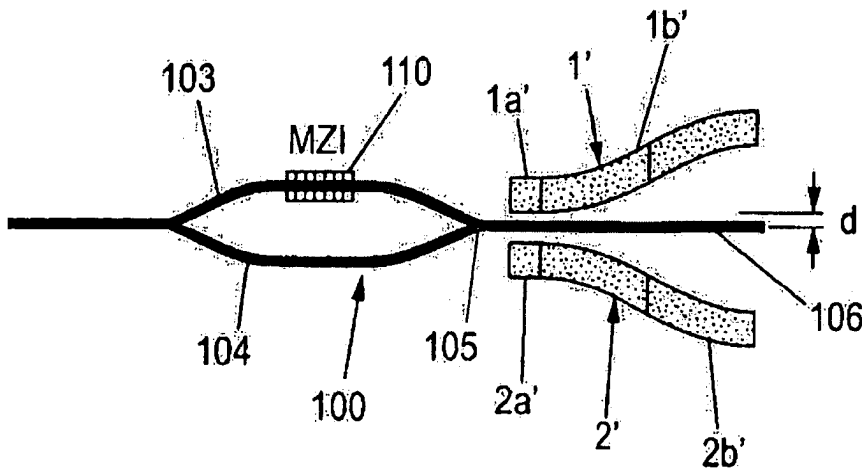
PATENT NO. : 7,373,030 B2  
APPLICATION NO. : 10/706492  
DATED : May 13, 2008  
INVENTOR(S) : Gao et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Title Page**

Replace Figure 2 with the figure 2 depicted below, wherein a line to reference "105" has been added.



Signed and Sealed this

Nineteenth Day of October, 2010

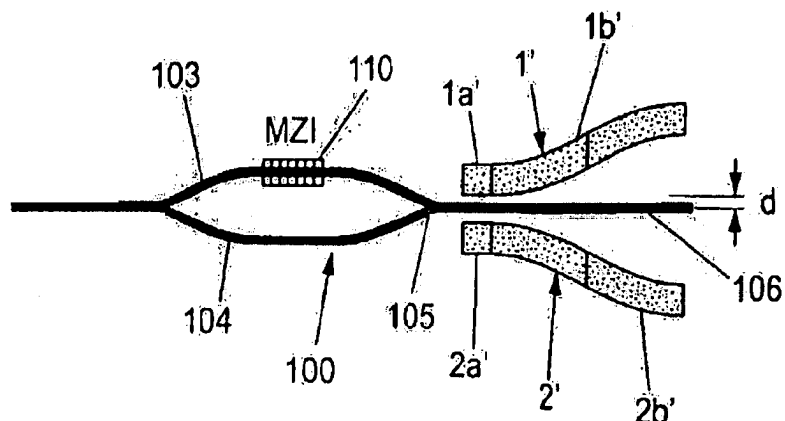
*David J. Kappos*

David J. Kappos  
Director of the United States Patent and Trademark Office

**Drawings**

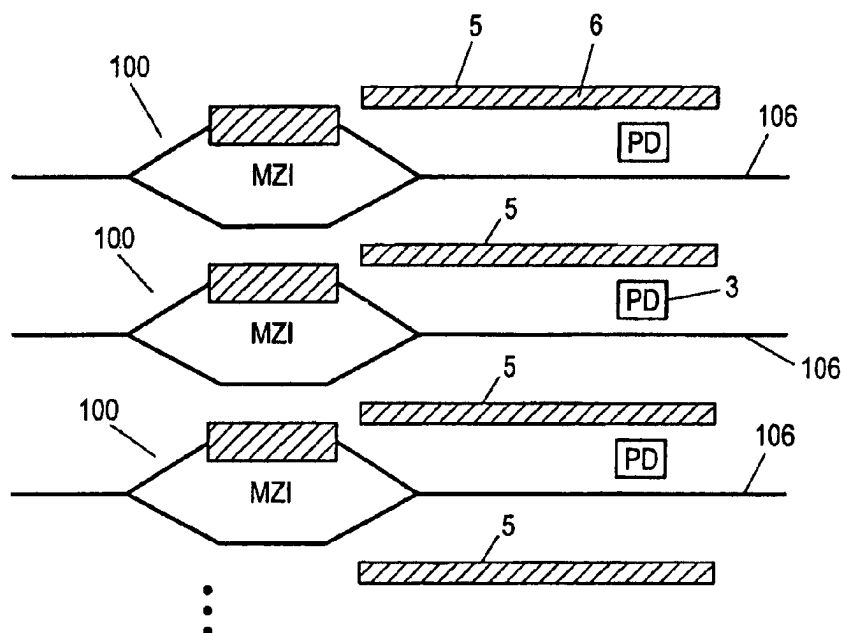
Sheet 1, replace Fig. 2 with the figure depicted below, wherein a line to reference “105” has been added.

**FIG. 2**



**Drawings**

Sheet 4, replace Fig. 5 with the figure depicted below, wherein parallel diagonal line filler has been added in the trenches “5” to show the light-absorbing substance and wherein the reference “6” with a line to the light-absorbing substance has been added.



**Column 1**

Line 8, change “entirety. FIELD” to --entirety.--

Line 41, change “Pin” to -- $P_{in}$ --

Line 44, change “Pout” to -- $P_{out}$ --

**Column 3**

Line 18, change “some, other” to --some other--

Line 51, change “6  $\mu\text{m}$  x 6  $\mu\text{m}$ ” to --6  $\mu\text{m}$  x 6  $\mu\text{m}$ --

**Column 4**

Line 54, change “straight region” to --straight section--

Lines 57-58, change “light for example to” to --light, for example, to--

Line 67, change “ $P_{out}=P_{in}-2X$ ” to -- $P_{out} = P_{in} - 2X$ --

**Column 5**

Line 17, change “two waveguides” to --two additional waveguides--

Lines 30-31, change “additional waveguide” to --two additional waveguides--

Line 57, change “factor of 1 000” to --factor 1,000--

**Column 6**

Line 3, change “attenuator” to --interferometer--

Line 5, change “attenuators” to --interferometers--

Line 21, change “layer for example by” to --layer, for example, by--

Lines 36-37, change “attenuator” to --interferometer--

**Column 7**

Line 7, change “6x6  $\mu\text{m}$ ” to --6 x 6  $\mu\text{m}$ --

Line 13, change “>0.44” to --> 0.44--

Line 15, change “ $\sin \alpha > 1/n_{\text{glass}}$ ” to -- $\sin \alpha > 1/n_{\text{glass}}$ --

Line 15, change “>43.83°” to --> 43.83°--

Line 16, change “ $n_{\text{glass}}=1.444$ ” to -- $n_{\text{glass}} = 1.444$ --

Line 23, change “attenuators” to --interferometers--

Line 37, change “are” to --is--

Line 45, change “6x6  $\mu\text{m}$ ” to --6 x 6  $\mu\text{m}$ --

**Column 8**

Line 2, change “trenches 340” to --trench 340--

Line 12, change “trenches 340” to --trench 340--

Claim 2, line 65, change “of tapers” to --off tapers--

**Column 9**

Claim 7, line 31, change “wherein additional” to --wherein the additional--